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EXP-TSTAT-120.480-86F

Explosion Proof Thermostat - C1D1, C2D1 - Mercury Free - Corrosion Resistant

Product ID: 148330

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-TSTAT-120.480-86F Explosion Proof Thermostat
Unit Type: Explosion Proof Thermostat
Dimensions: 5.9"- L, 4.3"- D
Weight: 3 lbs
Voltage: 480V AC (Maximum)
HP: 1/2 HP @ 125V AC, 1 HP @ 250V AC
Switch Type: SPDT Snap Action
Temperature Range: -49°F to 176°F (-45°C to 80°C)
Adjustment Range: 36°F to 82°F (2°C to 28°C)
Deadband: 2.5°F (1.5°C)
Materials: Precision Die-Cast Components
Mounting: Wall or Surface
Electrical Connection: Screw Terminal
Conduit Connection: 3/4" Female NPT

Features/Ratings
Class I, Divisions 1 & 2 Groups C & D
Class I, Zones 1 & 2 Groups IIA & IIB
Class II, Division 1 Groups E, F & G
Class II, Division 2 Groups F & G
Class III
NEMA 7, 9
CFC and Mercury Free
Corrosion Resistant

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
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The Larson Electronics EXP-TSTAT-120.480-86F explosion proof thermostat is designed for temperature control in industrial facilities where flammable gases, vapors or dust are or may be present. This device is adjustable using a set point knob system, which is powered by an SPDT snap action switch. The unit features a temperature limit range of -49°F to 176°F (-45°C to 80°C) and is rated at 480V AC (maximum).
The EXP-TSTAT-120.480-86F offers accurate temperature control for heating,

cooling and ventilation systems in hazardous locations. Featuring an SPDT snap action switch, this unit is rated at 480V AC (maximum). Operators may use an adjustable set point knob to configure the explosion proof thermostat, at a range of 36°F and 82°F (2°C to 28°C). The device is constructed of precision die-cast and corrosion resistant components for durability. To ensure safety, the unit does not contain any exposed copper or brass and mercury.

When mounting the explosion proof thermostat inside the hazardous location, the unit must be positioned five feet above the floor. This improves the accuracy of temperature readings and reduces the possibility of false calculations due to the presence of nearby hot or cold elements. Operators may mount the device to walls or compatible surfaces using four cover bolts.

Applications: Petroleum refineries, chemical and petrochemical plants, storage areas, agricultural sites, grain processing centers and other facilities where hazardous substances are handled or stored.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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MISTER

EXP-TSTAT-120.480-86F

Product ID: 148330

Warranty: 3 Months

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**